

Safety Valves

Type 06370



Safety Valves, angle type, bronze, type tested TÜV-SV.749. F

Standard safety valve
with soft valve seal for fluids, open bonnet,
with diaphragm for protection of the spring, with lifting device
In- and outlet: female thread type G (BSP) acc. to ISO 228/1

Part No. 06370.X.0000 with NBR valve seal

Part No. 06370.X.0700 with FPM valve seal

Pressure range in bar:	NBR	FPM	NBR	FPM
Nom. size 1/2":	1.0 - 11.0	1.0 - 16.0	Nom. size 3/4":	1.0 - 10.5
Nom. size 1":	1.0 - 10.0	1.0 - 16.0	Nom. size 1-1/4":	1.0 - 9.0
Nom. size 1-1/2":	1.0 - 8.5	1.0 - 16.0	Nom. size 2":	1.0 - 9.0



Available options - on request only:

- stainless steel spring - material 1.4571
- external parts nickel plated

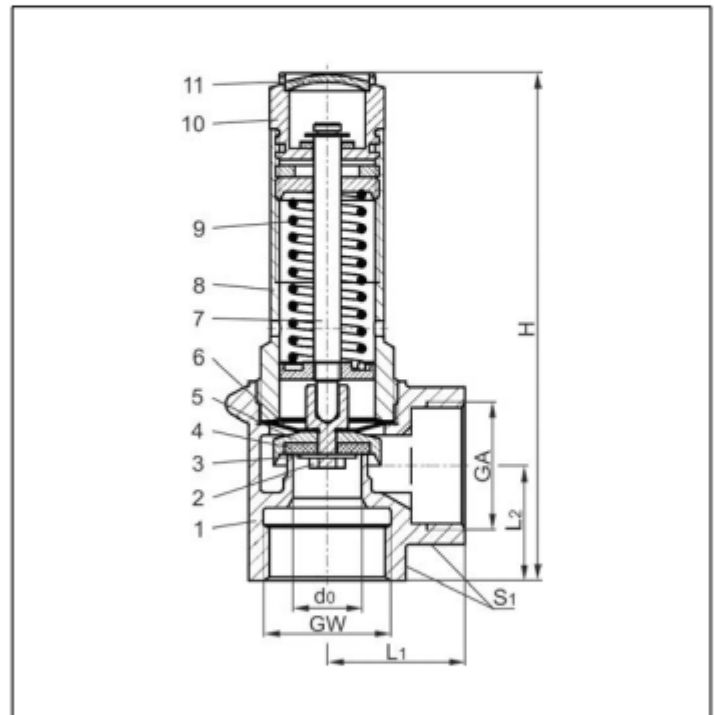
Applications:

Provided as safety device for protection against excessive pressure in gas cylinders and pressure vessels.

Approved for non-adhesive fluids, which are not vaporized during blow off.

Working temperature: -10°C / +14°F (263K) up to +110°C / +230°F (383K), suitable for horizontal installation

Materials	DIN EN	ASME/ASTM
1 Body	CC491K	B 62 UNS C83600
2 Disc nut	CW614N	B 249 UNS C38500
3 Plate	CW507L	B 36 UNS C26800
4 Valve seal	NBR or FPM	
5 Disc	CW614N	B 249 UNS C38500
6 Diaphragm	NBR	
7 Stem	CW614N	B 249 UNS C38500
8 Bonnet	CW614N	B 249 UNS C38500
9 Spring	1.1200	A 227
10 Lifting device	CW614N	B 249 UNS C38500
11 Closing cap	CW507L	B 36 UNS C26800



Essential: Valves are delivered at a set pressure, therefore when ordering please confirm set pressure, medium and temperature.

Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 06370	Technical data						
Nominal size	GW	1/2	3/4	1	1-1/4	1-1/2	2
Orifice	d ₀	12	15	18	20	24	28
Dimension code	.X.	0400	0600	1000	1200	1400	2000
Set pressure range	bar	1.0-16	1.0-16	1.0-16	1.0-16	1.0-16	1.0-16
Outlet	GA	1/2	3/4	1	1-1/4	1-1/2	2
Height	H	92	111	132	152	175	200
Length	L ₁	25	30	36	40	48	56
Length	L ₂	20	25	30	35	40	48
Wrench size across flats	S ₁	27	32	41	50	58	70
Weight	ca. kg	0.24	0.40	0.70	1.07	1.65	2.65
Coeff. of discharge	α _w	0.20	0.25	0.31	0.39	0.42	0.38

Dimensions in mm.